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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s) J.O. Chu, et al.

Examiner: Savitri Mulpuri

Serial No.: 09/838,892

Art Unit: 2812

Filed: April 20, 2001

Docket: YOR920010308US1 (16315)

For: EPITAXIAL AND POLYCRYSTALLINE  
GROWTH OF  $Si_{1-x-y}Ge_xC_y$  AND  $Si_{1-y}C_y$   
ALLOY LAYERS ON Si By UHV-CVD

Dated: October 17, 2003

Commissioner for Patents  
Alexandria, VA 22313-1450

RESPONSE UNDER 37 C.F.R. §§1.111 and 1.143

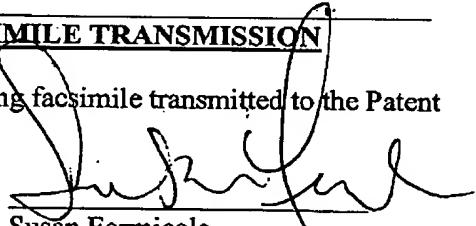
Sir:

In response to the Office Action dated June 18, 2003, applicants elect, as the single disclosed species to prosecute in this application, a method of making a SiGeC layer.

CERTIFICATION OF FACSIMILE TRANSMISSION

I hereby certify that this paper is being facsimile transmitted to the Patent and Trademark Office on the date shown below.

Dated: October 17, 2003

  
Susan Formicola

**COMBINED AMENDMENT & PETITION FOR EXTENSION OF  
TIME UNDER 37 CFR 1.136(a) (Large Entity)**

 Docket No.  
**YOR920010308US1 (16315)**

In Re Application Of:

J.O. Chu, et al.

 Serial No.  
**09/838,892**

 Filing Date  
**4/20/2001**

 Examiner  
**S. Mulpuri**

 Group Art Unit  
**2812**

 Invention: **EPITAXIAL AND POLYCRYSTALLINE GROWTH OF Si<sub>1-x-y</sub>Ge<sub>x</sub>C<sub>y</sub> AND Si<sub>1-y</sub>C<sub>y</sub> ALLOY LAYERS  
ON Si By UHV-CVD**
**TO THE COMMISSIONER FOR PATENTS:**

This is a combined amendment and petition under the provisions of 37 CFR 1.136(a) to extend the period for filing a response to the Office Action of June 18, 2003 in the above-identified application.  
 Date

The requested extension is as follows (check time period desired):

One month       Two months       Three months       Four months       Five months

from: July 18, 2003      Date      until: October 18, 2003      Date

The fee for the amendment and extension of time has been calculated as shown below:

**CLAIMS AS AMENDED**

|  | CLAIMS REMAINING<br>AFTER AMENDMENT | HIGHEST #<br>PREV. PAID FOR | NUMBER EXTRA<br>CLAIMS PRESENT | RATE      | ADDITIONAL<br>FEE |
|--|-------------------------------------|-----------------------------|--------------------------------|-----------|-------------------|
| TOTAL CLAIMS   | 24 -                                | 59 =                        | 0                              | x \$18.00 | \$0.00            |
| INDEP. CLAIMS  | 2 -                                 | 5 =                         | 0                              | x \$84.00 | \$0.00            |
| <b>FEE FOR AMENDMENT</b>                             |                                     |                             |                                |           | <b>\$0.00</b>     |
| <b>FEE FOR EXTENSION OF TIME</b>                     |                                     |                             |                                |           | <b>\$950.00</b>   |
| <b>TOTAL FEE FOR AMENDMENT AND EXTENSION OF TIME</b> |                                     |                             |                                |           | <b>\$950.00</b>   |

**COMBINED AMENDMENT & PETITION FOR EXTENSION OF TIME UNDER 37 CFR 1.136(a) (Large Entity)**Docket No.  
**Y0R920010308US1 (16315)**

The fee for the amendment and extension of time is to be paid as follows:

A check in the amount of \$950.00 for the amendment and extension of time is enclosed.

Please charge Deposit Account No. 50-0510/IBM in the amount of \$950.00

The Director is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 50-0510/IBM

Any additional filing fees required under 37 C.F.R. 1.16.

Any patent application processing fees under 37 CFR 1.17.

If an additional extension of time is required, please consider this a petition therefor and charge any additional fees which may be required to Deposit Account No. 50-0510/IBM

*Signature*

Leslie S. Szivos, Ph.D.  
Registration No. 39,394  
**SCULLY, SCOTT, MURPHY & PRESSER**  
400 garden City Plaza  
Garden City, New York 11530  
(516)742-4343

CC:

Dated: October 17, 2003

I certify that this document and fee is being deposited on [redacted] with the U.S. Postal Service as first class mail under 37 C.F.R. 1.8 and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

*Signature of Person Mailing Correspondence**Typed or Printed Name of Person Mailing Correspondence*

**CERTIFICATE OF TRANSMISSION BY FACSIMILE (37 CFR 1.8)**Applicant(s): **J. O. Chu, et al.**

Docket No.

**Y0R920010308US1 (16315)**Serial No.  
**09/838,892**Filing Date  
**4/20/2001**Examiner  
**S. Mulpuri**Group Art Unit  
**2812****Invention: EPITAXIAL AND POLYCRYSTALLINE GROWTH OF Si<sub>1-x-y</sub>Ge<sub>x</sub>C<sub>y</sub> AND Si<sub>1-y</sub>C<sub>y</sub> ALLOY LAYERS  
ON Si By UHV-CVD**I hereby certify that this **RESPONSE UNDER 37 CFR 1.111 AND 1.143***(Identify type of correspondence)*is being facsimile transmitted to the United States Patent and Trademark Office (Fax. No. **703-872-9318**on **October 17, 2003***(Date)***Susan Formicola***(Typed or Printed Name of Person Signing Certificate)***Susan Formicola**  
*(Signature)***Note: Each paper must have its own certificate of mailing.**